Acta Arachnologica, 53(1): 59–60, July 31, 2004

[Short Communication]

First description of the male of *Sinopoda tanikawai* (Araneae: Sparassidae)

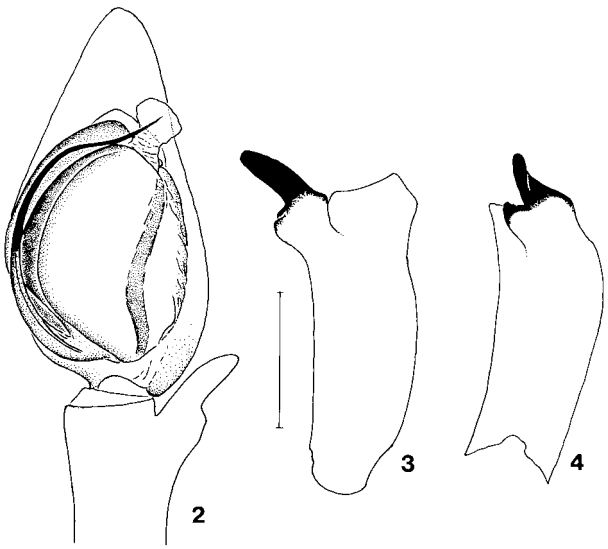
Akio Tanikawa

Laboratory of Biodiversity Science, School of Agriculture and Life Sciences, The University of Tokyo. 1-1-1, Yayoi, Bunkyo-ku, Tokyo, 113-8657 Japan
E-mail: dp7a-tnkw@j.asahi-net.or.jp

Abstract — A male of *Sinopoda tanikawai* Jäger & Ono 2000 is described for the first time.

Key words — *Sinopoda tanikawai*, male

Fig. 1. *Sinopoda tanikawai* Jäger & Ono 2000. Male, habitus (NSMT-Ar 5483).



Figs. 2–4. *Sinopoda tanikawai* Jäger & Ono 2000. — 2, Male left palp, prolateral view; 3, male palpal tibia, dorsal view; 4, same, retrolateral view. (NSMT-Ar 5483, hairs omitted, scale: 1.0 mm.)

Sinopoda tanikawai Jäger & Ono 2000 was described based only on the female holotype collected from Amami-ôshima Island but the male was unknown. In the summer of 2002, I collected a male *Sinopoda* spider from the same island. The male was safely identified as *S. tanikawai* since there are no islands which harbor more than one *Sinopoda* species in the Ryukyu Islands. It will be described in the present paper. The specimen used for this study is deposited in the collection of the Department of Zoology, National Science Museum, Tokyo. I wish to express my heartfelt thanks to Dr. Tadashi Miyashita and Dr. Richard Walters, the University of Tokyo, for their critical reading of the manuscript of this paper.

Sinopoda tanikawai Jäger & Ono 2000
(Figs. 1–4)

Sinopoda tanikawai Jäger & Ono 2000, p. 54, figs. 44–5 [female holotype from Amami-ôshima Is., preserved in the National Science Museum, Tokyo (NSMT-Ar 4215), examined]; Jäer & Ono 2002, p. 117, figs. 32–34.

Specimen examined. 1♂, Asato, Naze-shi, Is. Amami-ôshima, Kagoshima Pref., Japan, 26-VIII-2002, A. Tanikawa leg. (NSMT-Ar 5483).

Description. Measurements (in mm). Body 10.80 long. Carapace 6.92 long; 6.31 wide. Length of legs [tarsus + metatarsus + tibia + patella + femur = total]: I, 2.75 + 8.88 + 8.88 + 3.63 + 8.75 = 32.89; II, 3.00 + 10.00 + 10.13 + 3.75 + 10.00 = 36.88; III, 1.94 + 7.25 + 7.38 + 3.13 + 8.13 = 27.83; IV, 2.56+ 8.63 + 7.88 + 2.88 + 8.56 = 30.51. Abdomen 7.08 long; 4.54 wide.

Male. Carapace longer than wide (length/width 1.10). Median ocular area almost as long as wide (length/width 1.03); wider behind than in front (anterior width/posterior width 0.75). Promargin of chelicera with 3 teeth, retromargin with 4 teeth. Labium wider than long (length/-width 0.92). Sternum almost as long as wide (length/width 1.03). Length of leg I/length of carapace 4.75. Male palp: embolus filiform, without embolic apophysis, tip straight; tegular sperm duct slightly curved; RTA well sclerotized, tip blunt. Abdomen longer than wide (length/width 1.56).

Coloration and markings. Male (Fig. 1). Carapace brown, head region and posterior margin lighter. Dorsum of abdomen dark brown, median part lighter.

Remarks. Jäger and Ono (2002) mentioned that *S. derivata* from Is. Nakanoshima closely resembles *S. tanikawai*, but these species can be separated by the shape of epigynum. The shape of male palpi of these species is also very similar to each other as well. I recognized the

following differences: in ventral view, tegular sperm duct straight in *derivata* but slightly curved in *tanikawai*; proximal part of tegulum rounded in *derivata* but rather tapering in *tanikawai*; in dorsal view, retrolateral tibial apophysis is constricted at its base in *tankawai* more than *derivata*.

Distribution. Japan (Amami-ôshima Island).

References

Jäger, P. & Ono, H. 2000. Sparassidae of Japan. I. New species of *Olios, Heteropoda*, and *Sinopoda*, with notes on some known species (Araneae: Sparassidae: Sparassinae and Heteropodinae). Acta Arachnol., 49:41–60.

Jäger, P. & Ono, H. 2002. Sparassidae of Japan. II. First *Pseudopoda* species and new *Sinopoda* species (Araneae: Sparassidae: Heteropodinae). Acta Arachnol., 51:109–124.

Received May 18, 2004 / Accepted July 2, 2004